Methods and Apparatus for Indirectly
Identifying a Retention Period ...
Stephen J. Todd et al.
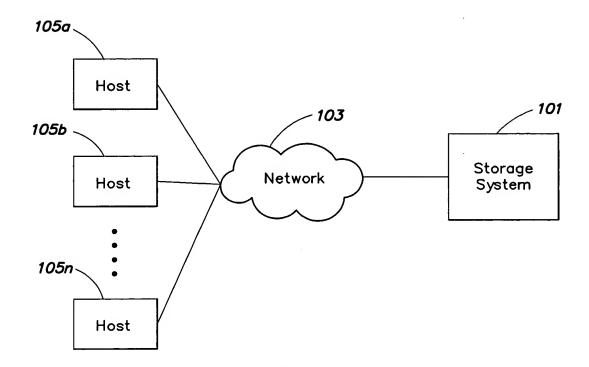Serial No.: 10/762,036
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105a Host

105b Host

105n Host

103 Network

101 Storage System

FIG. 1

201 Original Data

203

205 Content Address

207 Modified Data

203

209 Content Address

FIG. 2

Methods and Apparatus for Indirectly
Identifying a Retention Period ...
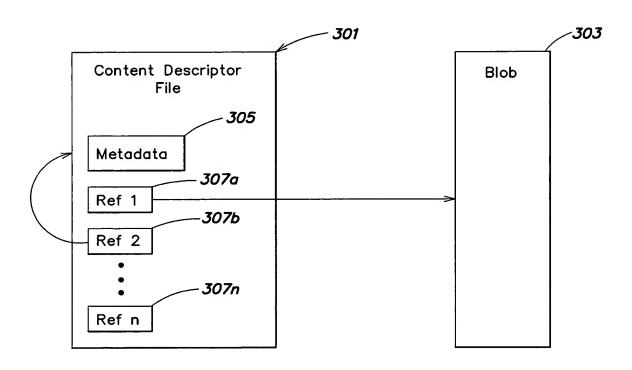Stephen J. Todd et al.
Serial No.: 10/762,036
Docket No.: E0295.70201US00
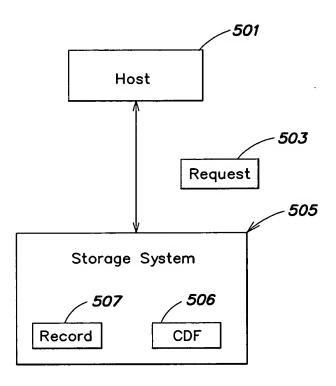
FIG. 3

Methods and Apparatus for Indirectly
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Docket No.: E0295.70201US00

```
                    ┌──────────┐
                    │  Start   │
                    └──────────┘
                         │
                         │           ╱403
                         ▼
              ┌────────────────────┐
              │ Receive Request to │
              │  Delete CDF Using  │
              │  Content Address   │
              └────────────────────┘
                         │
                         │           ╱405
                         ▼
              ┌────────────────────┐
              │    Locate CDF on   │
              │   Storage System   │
              └────────────────────┘
                         │
                         │        ╱407
                         ▼
                      ╱◇◇◇◇╲
   Yes            ╱ Retention ╲         No
 ◄───────────────◄   Period    ►───────────────►
                  ╲  Expired  ╱
                   ╲    ?    ╱
                    ╲◇◇◇◇◇╱
      │                                      │
      │        ╱409                          │      ╱411
      ▼                                      ▼
 ┌──────────┐                          ┌──────────┐
 │Delete CDF│                          │   Deny   │
 │          │                          │ Deletion │
 │          │                          │ Request  │
 └──────────┘                          └──────────┘
      │                                      │
      │                 ╱413                 │
      │            ┌──────────┐              │
      └───────────►│   End    │◄─────────────┘
                   └──────────┘
```
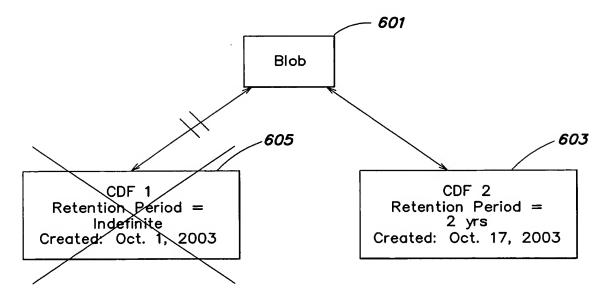
FIG. 4

Methods and Apparatus for Indirectly
Identifying a Retention Period ...
Stephen J. Todd et al.
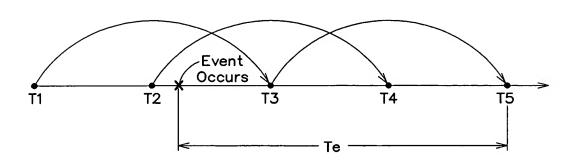Serial No.: 10/762,036
Docket No.: E0295.70201US00

501

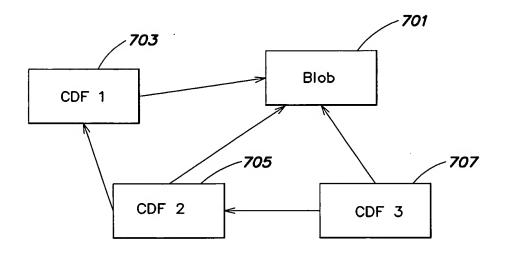Host

503

Request

505

Storage System

507   *506*

Record   CDF

FIG. 5

601

Blob

605   *603*

CDF 1
Retention Period =
Indefinite
Created: Oct. 1, 2003

CDF 2
Retention Period =
2 yrs
Created: Oct. 17, 2003

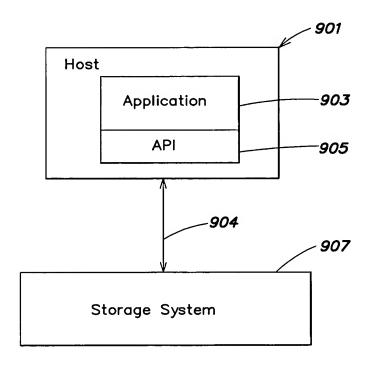## FIG. 6

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FIG. 7A

FIG. 7B

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801

Class	Retention Period
E—Mail	7 yrs.
Financial Records	5 yrs.

FIG. 8

901

Host

Application — 903

API — 905

904

Storage System — 907

FIG. 9

Methods and Apparatus for Indirectly
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Docket No.: E0295.70201US00
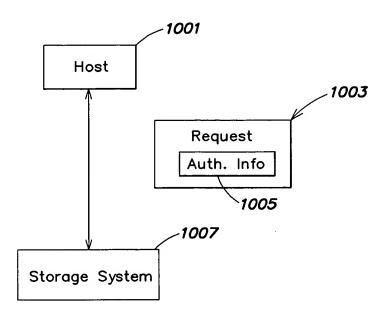
FIG. 10